

ABSTRACT

Disclosed is a cytostatic drug attached to a sterile sheet that is designed to be placed between internal body tissues to prevent the formation of post-operative adhesions, which adhesions are really scar tissue formation. This sheet onto or into which the drug is placed may be either a permanent implant or it may be biodegradable. By impregnating an existing product such as the Johnson & Johnson SURGICELTM absorbable hemostat gauze-like sheet with an anti-proliferative drug such as sirolimus, the biodegradable, drug impregnated mesh would act as a barrier to cell proliferation and hence be a deterrent to the formation of adhesions or scar tissue. Another embodiment of this invention is a cytostatic drug attached to a sheet that is placed at the site of an anastomosis to decrease scar tissue formation from within the vessel at the site of the anastomosis.